

CLAIMS

We claim:

1. A vehicle support platform comprising:
 - a vehicle support deck of a generally rectangular shape having a top surface and a bottom surface;
 - a deck support frame constructed from a plurality of frame members, said deck support frame having a top surface, a bottom surface, a first end, a second end and two sides, the bottom surface of said vehicle support deck is attached to the top surface of said deck support frame;
 - a first ramp pivotally attached to the first end of said deck support frame;
 - a second ramp pivotally attached to the second end of said deck support frame; and
 - four casters attached to said deck support frame, said casters for supporting the entire weight of the vehicle support platform and a vehicle supported thereon upon a support surface.
2. The vehicle support platform of claim 1, wherein said deck support frame is constructed of two longitudinal side members and a plurality of transverse members attached orthogonal to an extending between the two longitudinal side members, and wherein the longitudinal side members and the transverse members are hollow tubular members.
3. The vehicle support platform of claim 1, further comprising:
 - a vehicle wheel engagement means for receiving a wheel of a vehicle and supporting the vehicle generally upright is attached to the vehicle support deck, said said vehicle wheel engagement means is releasably attached to said support deck.

4. The vehicle support platform of claim 1, further comprising:
a pivot assembly comprising a first hollow column having a first end and a second end, a second column having a first end and a second end that is rotatably received by the first column with the second end thereof extending beyond the second end of the first column, a mounting plate fixedly attached to the second end of the second column; and wherein the first end of the first column is fixedly attached to the support platform at about a center point thereof and the mounting plate is fixedly attached to a support surface so that the support platform is rotatable in a plane parallel to the support surface, and wherein said pivot assembly is not load bearing.
5. The vehicle support platform of claim 4, further comprising:
at least one retention pin; and wherein the support platform has a plurality of through holes formed through said support deck radially around the center point thereof and the mounting plate has a plurality of through holes formed therethrough radially around the second end of the second column and in cooperative alignment with the through holes formed through said support deck, said at least one retention pin is received by a pair of cooperating through holes formed through said support deck and the mounting plate to lock the support platform from rotating about the support surface.
6. The vehicle support platform of claim 1, wherein the support platform can be used as a loading ramp.
7. The vehicle support platform of claim 1, wherein the top surface of said support deck is textured to provide a non-slip surface.

8. The vehicle support platform of claim 1, further comprising:
 - a hinge, wherein the support platform is of two separate pieces joined together by said hinge so that the support platform can fold into a folded compact storage position; and
 - a lock means for locking the support platform in an unfolded in-use position.
9. The vehicle support platform of claim 1, further comprising:
 - a plurality of tie-downs positioned around the perimeter of said support deck.
10. A support platform for supporting and maneuvering a vehicle within a confined space comprising:
 - a vehicle support deck of a generally rectangular shape having a top surface and a bottom surface;
 - a deck support frame constructed from a plurality of frame members, said deck support frame having a top surface, a bottom surface, a first end, a second end and two sides, the bottom surface of said vehicle support deck is attached to the top surface of said deck support frame;
 - a first ramp pivotally attached to the first end of said deck support frame;
 - a second ramp pivotally attached to the second end of said deck support frame;
 - four casters attached to said deck support frame, said casters for supporting the entire weight of the vehicle support platform and a vehicle supported thereon upon a support surface; and
 - said deck support frame is constructed of two longitudinal side members and a plurality of transverse members attached orthogonal to an extending between the two longitudinal side members, and wherein the longitudinal side members and the transverse members are hollow tubular members.

11. The vehicle support platform of claim 10, further comprising:
a pivot assembly comprising a first hollow column having a first end and a second end, a second column having a first end and a second end that is rotatably received by the first column with the second end thereof extending beyond the second end of the first column, a mounting plate fixedly attached to the second end of the second column; and wherein the first end of the first column is fixedly attached to the support platform at about a center point thereof and the mounting plate is fixedly attached to a support surface so that the support platform is rotatable in a plane parallel to the support surface and wherein said pivot assembly is not load bearing.
12. The vehicle support platform of claim 11, further comprising:
at least one retention pin; and wherein the support platform has a plurality of through holes formed through said support deck radially around the center point thereof and the mounting plate has a plurality of through holes formed therethrough radially around the second end of the second column and in cooperative alignment with the through holes formed through said support deck, said at least one retention pin is received by a pair of cooperating through holes formed through said support deck and the mounting plate to lock the support platform from rotating about the support surface.
13. The vehicle support platform of claim 10, wherein the top surface of said support deck is textured to provide a non-slip surface.
14. The vehicle support platform of claim 10, wherein the support platform can be used as a loading ramp.

15. The vehicle support platform of claim 10, wherein the support platform is packaged in a kit form for a consumer to assemble upon purchase.
16. A support platform for supporting a two-wheeled vehicle in a generally upright position and for maneuvering the vehicle within a confined space comprising:
 - a vehicle support deck of a generally rectangular shape having a top surface and a bottom surface;
 - a deck support frame constructed from a plurality of frame members, said deck support frame having a top surface, a bottom surface, a first end, a second end and two sides, the bottom surface of said vehicle support deck is attached to the top surface of said deck support frame;
 - a first ramp pivotally attached to the first end of said deck support frame;
 - a second ramp pivotally attached to the second end of said deck support frame;
 - a vehicle wheel engagement means for supporting the vehicle in a generally upright position on the vehicle support deck, said vehicle wheel engagement means is attached to said vehicle support deck and wherein said vehicle wheel engagement means is releasably attached to said support deck; and
 - four casters attached to said deck support frame, said casters for supporting the entire weight of the vehicle support platform and a vehicle supported thereon upon a support surface.
17. The support platform of claim 16, further comprising:
 - a pivot assembly comprising a first hollow column having a first end and a second end, a second column having a first end and a second end that is rotatably received by the first column with the second end thereof extending beyond the second end of the first column, a mounting plate fixedly attached to the second end of the second column; and wherein the first end of the first column is fixedly attached to the support platform at about a center point thereof and the mounting

plate is fixedly attached to a support surface so that the support platform is rotatable in a plane parallel to the support surface, and wherein said pivot assembly is not load bearing.

18. The support platform of claim 17, further comprising:
 - at least one retention pin; and wherein the support platform has a plurality of through holes formed through said support deck radially around the center point thereof and the mounting plate has a plurality of through holes formed therethrough radially around the second end of the second column and in cooperative alignment with the through holes formed through said support deck, said at least one retention pin is received by a pair of cooperating through holes formed through said support deck and the mounting plate to lock the support platform from rotating about the support surface.
19. The support platform of claim 16, further comprising:
 - a hinge, wherein the support platform is of two separate pieces joined together by said hinge so that the support platform can fold into a folded compact storage position; and
 - a lock means for locking the support platform in an unfolded in-use position.
20. The support platform of claim 16, wherein the support platform can be used as a loading ramp.